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OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***) 9 Piezoelectric Ultrasonic Motors, Jorg Wilaschek, Heinz Nixdorf Institut, Universitat-GH Paderborn, 33095 Paderborn, Germany 22 New Type of Piezoelectric Ultrasonic Motor, Maximiian Fleischer, Dieter Stein and Hans Meixner, Siemens AG, Research Laboratories, Otto-Hahn-Ring 6, D-8000-Munchen 83, West Germany 23

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Atty: Kit M. Stetina STETINA BRUNDA GARRED & BRUCKER 75 Enterpise, Suite 250. Aliso Viejo, CA 92656 (949) 855-1246

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